



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/25/16 PAGE 1 of 3
 LOCATION: Robert Frost Middle School BY: Robert Pitzer

INSTRUMENT: Ultra RAE 3000 Photo Ionization Detector
 BENZENE FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 BENZENE SENSOR CALIBRATION VALUE: _____ ppmv CALIBRATION READING: _____ ppmv

INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer
 FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)
 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes					Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0709	0.00	--	0	0.001	--	--	--	--	--	N. Parking Lot
0711	0.00	--	0	0.001	--	--	--	--	--	Main Office
0729	0.00	--	0	0.002	--	--	--	--	--	E. Assembly Area
0735	0.00	--	0	0.002	--	--	--	--	--	Basketball Court
0739	0.00	--	0	0.003	--	--	--	--	--	Lunch Area
0822	0.00	--	0	0.003	--	--	--	--	--	Main Office
0920	0.00	--	0	0.005	--	--	--	--	--	Library
0923	0.00	--	0	0.002	ND	ND	ND	ND	ND	W. Assembly Area
0950	0.00	0.00	0	0.001	--	--	--	--	--	Inside Rm #11
1011	0.00	--	0	0.001	--	--	--	--	--	Inside Rm #14
1043	0.00	--	0	0.005	--	--	--	--	--	E Bldg. 2 nd Floor Hall

Weather Conditions: Clear, Windy Wind Speed: 7-12 mph Wind Direction: NNE Temperature: 52 ° F

Comments: The UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene. The MultiRae is used for measuring VOCs and %LEL (used as an indicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, Xylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile constituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses. **H2S = Hydrogen Sulfide; O2 = Oxygen; % = percent; CO = Carbon Monoxide; LEL = Lower Explosive Limit; IB = Isobutylene ND = Not Detected; ppmv = parts per million by volume; N/A = Not Applicable; -- = No Reading (no measurement taken at this time)**



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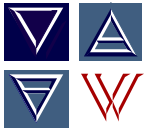
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1045	0.00	0.00	0	0.008	ND	ND	ND	ND	ND	Inside Rm #49
1123	0.00	--	0	0.003	--	--	--	--	--	Bldg B 2 nd Floor Hall
1127	0.00	--	0	0.005	--	--	--	--	--	Library
1134	0.00	--	0	0.003	--	--	--	--	--	Bldg A 1 st Floor Hall
1140	0.00	--	0	0.003	--	--	--	--	--	West Assembly Area
1207	0.00	--	0	0.001	--	--	--	--	--	Inside Gym
1211	0.00	--	0	0.000	--	--	--	--	--	Bldg. D Hall
1213	0.00	--	0	0.001	--	--	--	--	--	Inside Rm #77
1216	0.00	--	0	0.001	--	--	--	--	--	Student Store
1218	0.00	--	0	0.003	--	--	--	--	--	Lunch Area
1311	0.00	--	0	0.002	ND	ND	ND	ND	ND	Inside Rm 38

Weather Conditions: Clear, Windy Wind Speed: 5-10 mph Wind Direction: NE Temperature: 62 ° F

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1335	0.00	--	0	0.001	--	--	--	--	--	Main Office
1338	0.00	--	0	0.002	--	--	--	--	--	Health Office
1340	0.00	--	0	0.001	--	--	--	--	--	Bungalow 58
1345	0.00	--	0	0.003	ND	ND	ND	ND	ND	Lunch Area

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